

FORM PTO-1449
INFORMATION DISCLOSURE STATEMENTATTY. DOCKET NO.
1533.3500003/PAJ/T-MAPPLICATION NO.
10/712,399APPLICANT
Moore et al.FILING DATE
November 14, 2003GROUP
~~To be assigned~~ 1825

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
20	AA1	3,160,641	12/08/1964	Hartmann	529	464	08/07/1961
	AB1	3,454,603	07/08/1969	Hartmann	529	464	05/18/1966
	AC1	4,297,290	10/27/1981	Stockburger	509	608	07/17/1980
	AD1	4,408,061	10/04/1983	Salzburg et al.	509	464	03/11/1982
	AE1	4,506,086	03/19/1985	Salzburg et al.	509	464	06/20/1983
	AF1	4,564,692	01/14/1986	Feldmann et al.	509	464	07/18/1983
	AG1	4,861,513	08/29/1989	Lueders et al.	282-529	182.24	10/09/1987
	AH1	2002/0002291 A1	01/03/2002	Bhatia	509	465	05/24/2001
	AI1	2002/0052516 A1	05/02/2002	Moore et al.	509	417	09/19/2001
	AJ						
	AK						

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
20	AL1	DE 488 602	12/12/1929	Germany	—	—	Yes X No
	AM1	GB 600 870	04/21/1948	Great Britain	—	—	Yes No
	AN1	WO 00/14081	03/16/2000	WIPO	—	—	Yes No
	AO						Yes No
	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

20	AR	1	Bahulayan, D., and Sreekumar, K., "Chiral polyesters with azobenzene moieties in the main chain, synthesis and evaluation of nonlinear optical properties," J. Mater. Chem. 9:1425-1429, Royal Society of Chemistry (July 1999).
	AS	1	Bock, K., et al., "Acid Catalyzed Dehydration of Alditols. Part I. D-Glucitol and D-Mannitol," Acta Chem. Scand. 35:441-449, Nordic Chemical Societies (1981).
	AT	1	Duclos, A., et al., "A Simple Conversion of Polyols into Anhydroalditols," Synthesis 10:1087-1090, Georg Thieme Verlag (1994).

EXAMINER

DATE CONSIDERED 1/3/06

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.



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	AL						Yes No
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	AO						Yes No
	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

20	AR	4	Wiggins, L.F., "Anhydrides of the Penitols and Hexitols," Adv. Carb. Chem., pp. 191-228, Imperial College of Tropical Agriculture (1950)
	AS	4	International Search Report for International Patent Application No. PCT/US01/42880, mailed April 18, 2002
	AT		

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3/3/06

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OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

20	AR	2	Fléche, G., and Huchette, M., "Isosorbide. Preparation, Properties and Chemistry," Starch 38:26-30, VCH Verlagsgesellschaft mbH (1985) 0
	AS	2	Goodwin, G., et al., "Preparation of bicyclic hexitol anhydrides by using acidic cation-exchange resin in a binary solvent. 13C-NMR spectroscopy confirms configuration inversion in chloride displacement of methanosulfonate in isomannide and isosorbide derivatives," Carb. Res. 79:133-141, Elsevier Scientific Publishing Company (1980) 0
↓	AT	2	Koch, H., et al., "New Industrial Products from Starch," Starch 40:128-129, Wiley-VCH (1988) 6

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	AN						Yes No
	AO						Yes No
	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

AR	3	Marr, A., et al., "Synthesis and structure of 1,4:3,6-dianhydro-2-O-p-tosyl-D-mannitol," J. Chem. Crystal. 27:161-166, Plenum Publishing Corporation (1997) ^c
AS	3	Stoss, P., et al., "1,4:3,6-Dianhydrohexitols," Adv. Carbohydr. Chem. Biochem. 49:93-173, Academic Press (1991) ^d
AT	3	Wiggins, L.F., "The Anhydrides of Polyhydric Alcohols. Part I. The Constitution of isoMannide," J. Chem. Soc. 4-6, American Chemical Society (1945) ^e

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